

The list of best scores is:

RGSNFIQAACEVFSTHAKDMDYVELLTENVKKYACGFGTSGGSNLTQMPDMTSLRLKFFYFWPAPARSAY
 440 450 460 470 480 490 500 X
 RGSNFIQAACEVFSTHAKDMDYVELLTENVKKYACGFGTSGGSNLTQMPDMTSLRLKFFYFWPAPARSAY